Build a Smith Side Table

Use These Simple End Table Plans to Build a Fantastic Piece of Furniture

Want simple end table plans? You got it! This table is fast and easy to construct using off-the-shelf lumber or pallet boards! Featuring angled braces at each opening, and a roomy shelf and top, this table will show off your building skills with pride!

Materials:

- 1-1/4″ pocket hole screws
- 2-1/2″ pocket hole screws
- 1-1/4″ brad nails

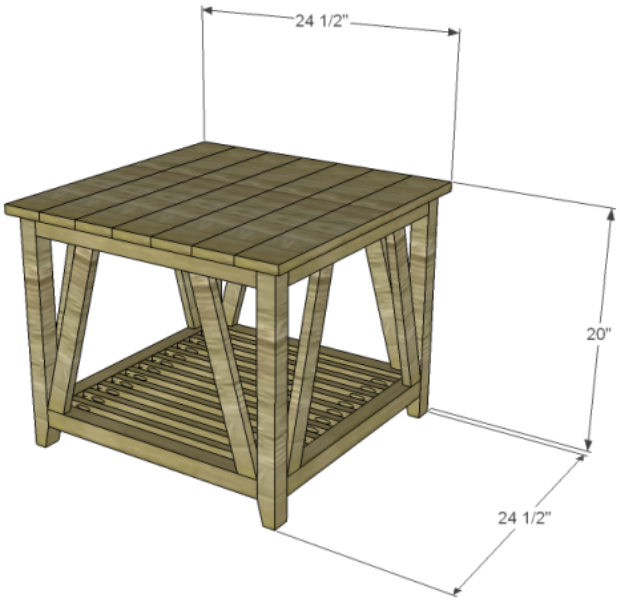
- Wood glue
- Sandpaper (100, 150, 220 grits)
- Finishing supplies (primer & paint, or stain, sealer)

Lumber:

- 4 – 1×2 at 8′
- 2 – 1×4 at 8′
- 3 – 2×2 at 8′

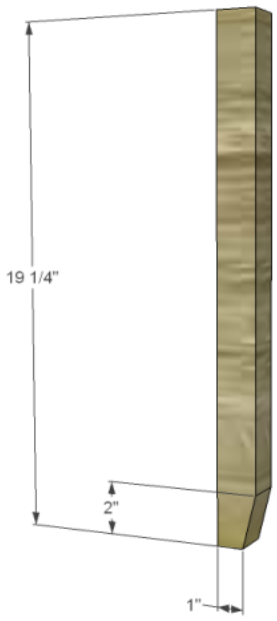
Cut List:

- 4 – 2×2 at 19-1/4″ – Legs
- 8 – 2×2 at 20″ – Frame Stretchers
- 8 – 1×2 at 15-1/4″ – Braces
- 11 – 1×2 at 20″ – Shelf Slats
- 7 – 1×4 at 24-1/2″ – Top



Step One

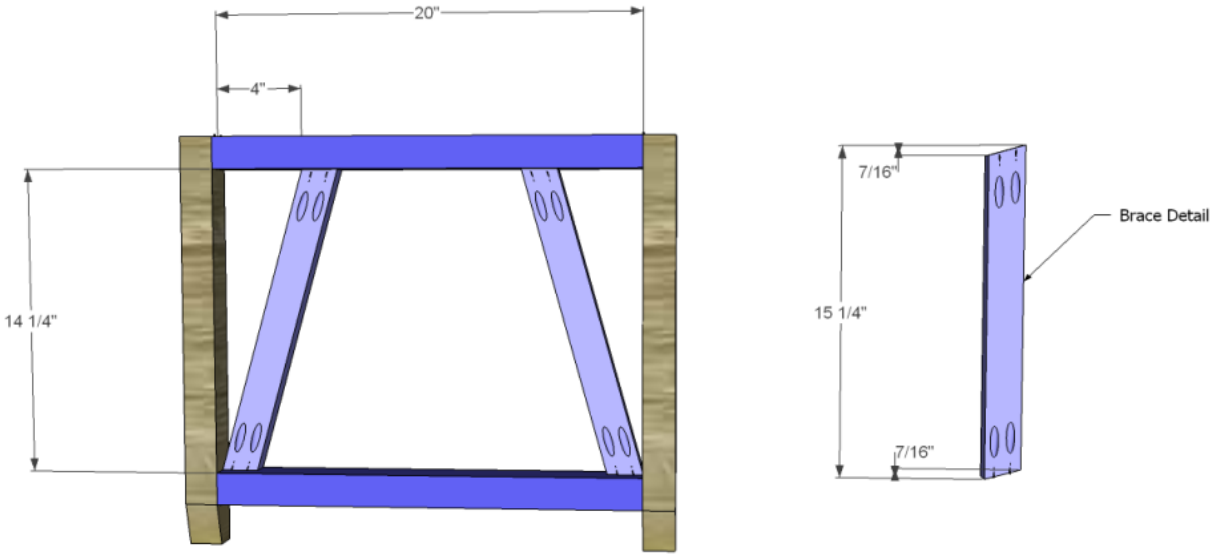
Cut the pieces for the legs. Cut the taper (optional) using a jigsaw or bandsaw.



Step Two

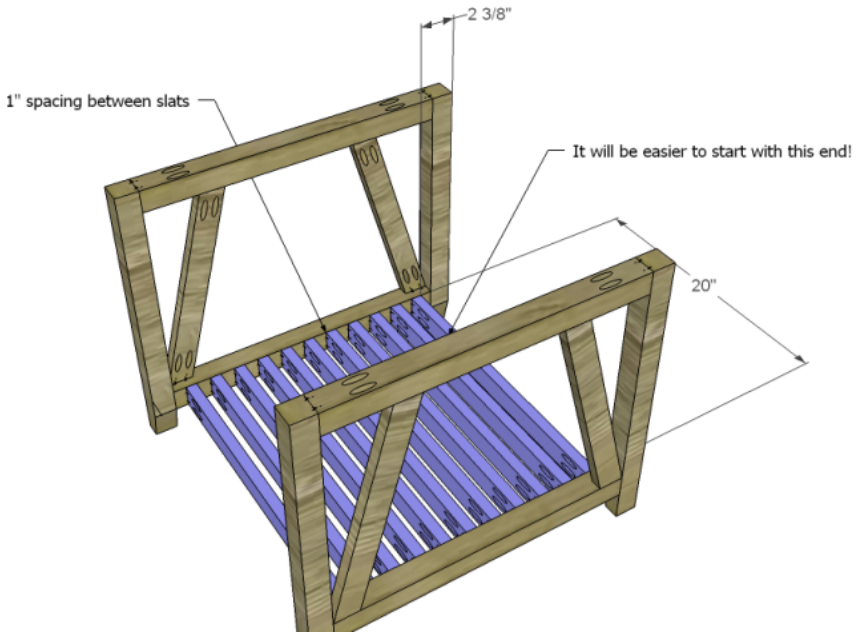
Cut the pieces for the stretchers. With the pocket hole jig set for 1-1/2″ material, drill pocket holes in each end of each piece. Set four of the pieces aside, and attach the remaining pieces to the legs using glue and 2-1/2″ pocket hole screws.

Cut the pieces for the braces. Mark the position for the angles by measuring down from the top of the piece at the dimension indicated then drawing a diagonal line from the top corner of the piece to the opposite corner of the drawn line. Cut the angles using a jigsaw, a bandsaw, or a miter saw. With the pocket hole jig set for 3/4″ material, drill pocket holes in each end. Note that there will be four right pieces and four left pieces. Secure the pieces to the stretchers as shown using glue and 1-1/4″ pocket hole screws. the front face of the braces will be flush with the front faces of the stretchers. Set the other four braces aside.



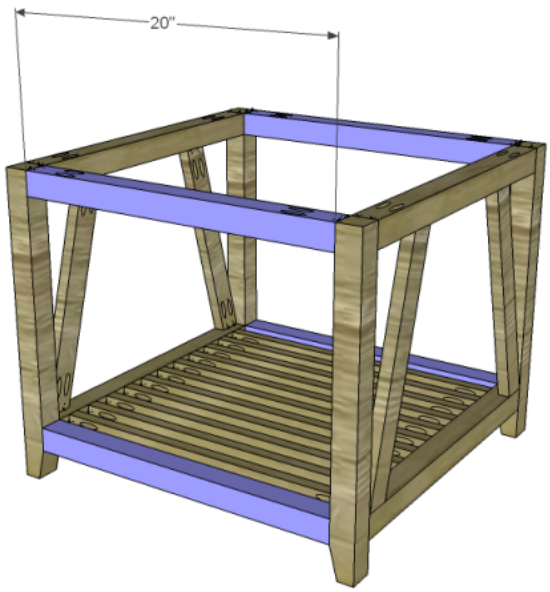
Step Three

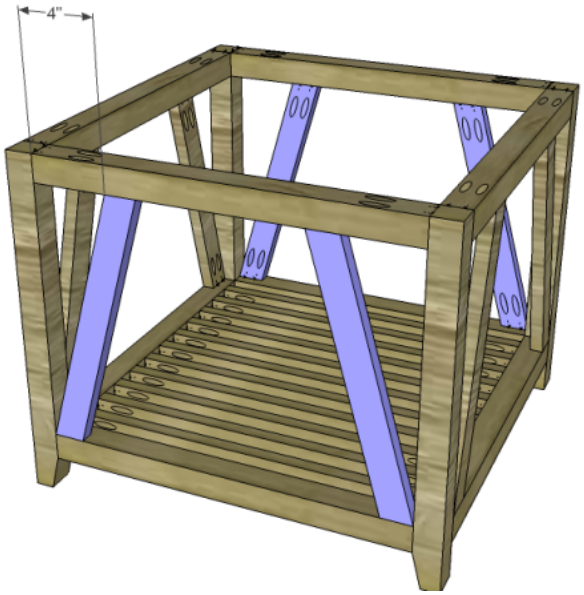
Cut the pieces for the shelf and drill pocket holes in each end. Locate the first piece 2-3/8″ in from the outside of the legs, then secure to the stretcher using glue and 1-1/4″ pocket hole screws. Install the remaining slats spacing them approximately 1″ apart then secure using glue and 1-1/4″ pocket hole screws.



Step Four

Attach the remaining stretchers to the legs using glue and 2-1/2″ pocket hole screws. Attach the remaining braces using glue and 1-1/4″ pocket hole screws.

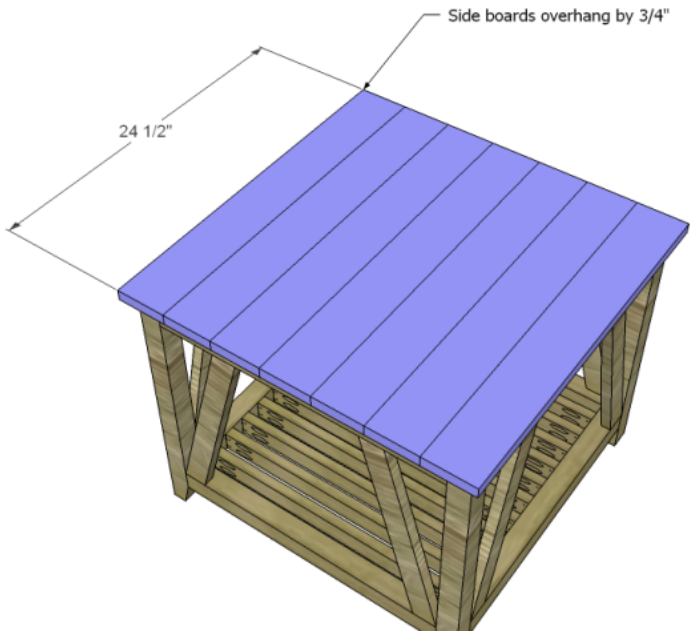




Step Five

Cut the pieces for the top. The end pieces will overhang by 3/4″ at the side, top and bottom. Secure the first piece in

place using glue and 1-1/4″ brad nails, then secure the remaining pieces in place. Use a router with a decorative bit to cut an edge in the top.



Finish as desired.

These simple end table plans are perfect for beginners. Have a request for a plan? Contact me at cher {at} designsbystudioc {dot} com!